

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: **RED LITHIUM COMPLEX**

Article number: **TG9004**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: PC24: Lubricants, greases, release products.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: TYGRIS Industrial
Unit 31, Kyle Road Industrial Estate
Irvine
Ayrshire
KA12 8LE
Tel +44 (0) 1294 311 066
Fax +44 (0) 1294 277 115
Email technical@tygrisindustrial.com

Further information obtainable from: Technical Department

1.4 Emergency telephone number: Tel +44 (0) 1294 311 066

SECTION 2: Hazards identification

This material is not considered to be hazardous according to regulatory guidelines.

Adverse human health effects: Under normal conditions of use, the mineral oils and ingredients used in this product present no risk of acute intoxication.

The product contains no eye or skin irritants and is not considered to be allergenic.

SECTION 3: Composition/information on ingredients

PRODUCT COMPOSITION	CAS NO.	WEIGHT %
Base Oil-Highly refined	93572-43-1	80%
Additive package	64742-65-0	5%
Hydrogenated Castor Oil	71-52-3	15%

SECTION 4: First aid measures

Inhalation: Remove the person to fresh air. Get medical attention.
Skin Contact: Wash the affected area repeatedly with soap and water.
Eye Contact: Keep eyes open and rinse immediately and repeatedly with water for At least 15 minutes and consult a specialist.
Ingestion: Do not induce vomiting

SECTION 5: Physical and Chemical Properties

Appearance:	Smooth & Homogeneous
Color :	Red
Order:	Characteristic
PH:	Not applicable
Drop Point:	>180° C
Flash Point:	NA
Auto-ignition temperature	>250 C
Explosion limits:	Not applicable
Solubility in water:	Insoluble and immiscible
Solubility in organic solvents:	Soluble in many common solvents
Penetration: (60 strokes@25 C)	220-250

SECTION 6: Stability and Reactivity

Stability: The product is stable under normal temperature & pressure

Conditions to avoid: Excessive Heat, source of ignition

Materials to avoid: Strong oxidizing agents, heat, open fire

Dangerous decomposition products: Incomplete combustion and thermal decomposition may produce products more or less toxic gases such as CO, CO₂, various hydrocarbons, aldehydes & soot.

SECTION 7: Toxicological Information

Product:	No data is specifically available.
Inhalation:	Risk is improbable under normal conditions of use.
Contact with the skin:	Not irritating.
Not irritating Ingestion:	Not irritating.

SECTION 8: Ecological Information

Ground: Given its physical and chemical characteristics, the product generally shows little mobility in the ground.

Water: The product is insoluble; it floats on water

Persistence and degradability: Experimental data on the finished product are not available

Ecotoxicity: Material not expected to be harmful to aquatic organisms.

SECTION 9: Disposal Information

Waste Disposal: The only method authorized in India is collection by an authorized waste contractor and regeneration or incineration in an approved installation. Disposal methods: Transmit to an authorized waste contractor for disposal

SECTION 10: Transport Information

Not classified as hazardous for transport.

SECTION 11: Regulatory Information

OSHA Hazard communication standard: When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200

SECTION 12: Other Information

"This Safety Data Sheet serves to complete but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of our knowledge at the data indicated here above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk.